

Amendments to the drawings

The attached sheets of drawings includes changes to figure 1 and 2. New figures 3,4,5,6,7 and 8.

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

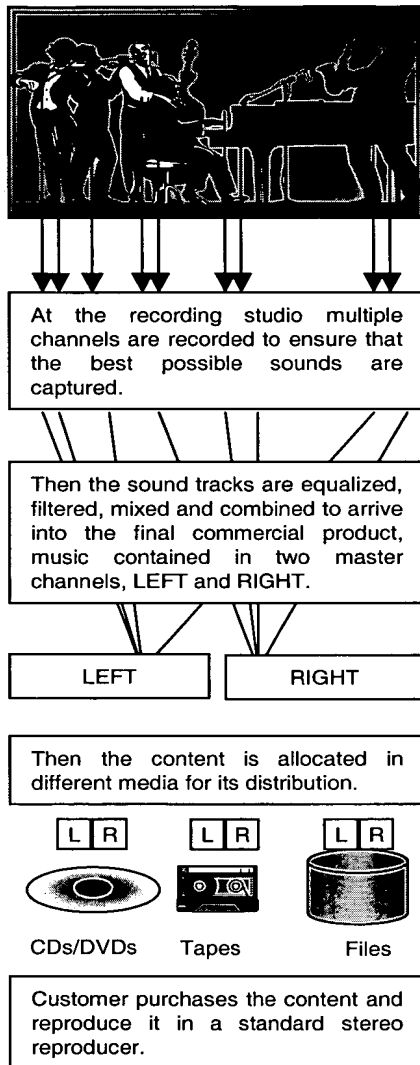
Reply to office action of May 28, 2004

FIG. 1

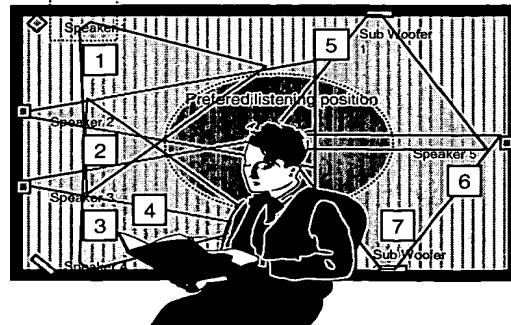
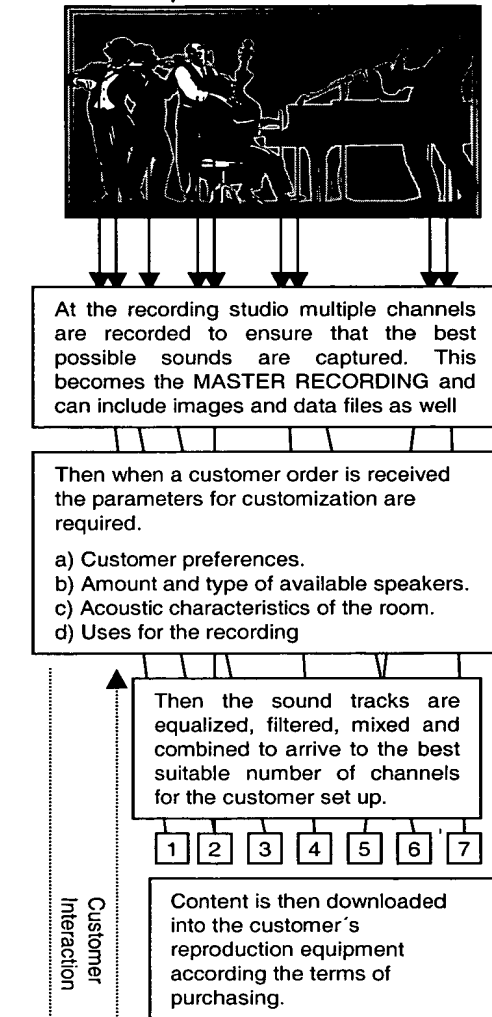
Replacement Sheet

Comparison between prior art and the invented Business Method

Current Method



Proposed Method



Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

Reply to office action of May 28, 2004

Annotated Sheet Showing Changes

FIG. 1

Title added

Comparison between prior art and the invented Business Method

Reference to solution was
change to method

Current Method

Proposed Method

Descriptions were
change to eliminate
the references to a
"proposed system"



At the recording studio multiple channels are recorded to ensure that the best possible sounds are captured.

Then the sound tracks are equalized, filtered, mixed and combined to arrive into the final commercial product, music contained in two master channels, LEFT and RIGHT.

LEFT

RIGHT

Then the content is allocated in different media for its distribution.

L R

L R

L R



CDs/DVDs

Tapes

Files

Customer purchases the content and reproduce it in a standard stereo reproducer.



At the recording studio multiple channels are recorded to ensure that the best possible sounds are captured. This becomes the MASTER RECORDING and can include images and data files as well

Then when a customer order is received the parameters for customization are required.

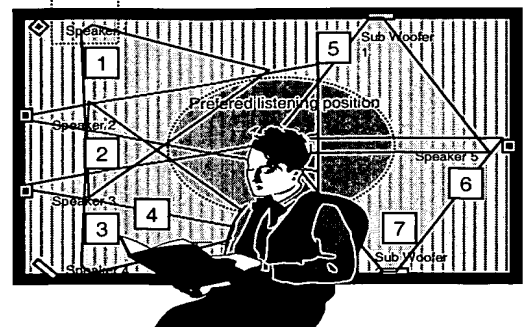
- a) Customer preferences.
- b) Amount and type of available speakers.
- c) Acoustic characteristics of the room.
- d) Uses for the recording

Then the sound tracks are equalized, filtered, mixed and combined to arrive to the best suitable number of channels for the customer set up.

1 2 3 4 5 6 7

Content is then downloaded into the customer's reproduction equipment according the terms of purchasing.

Customer
Interaction



Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

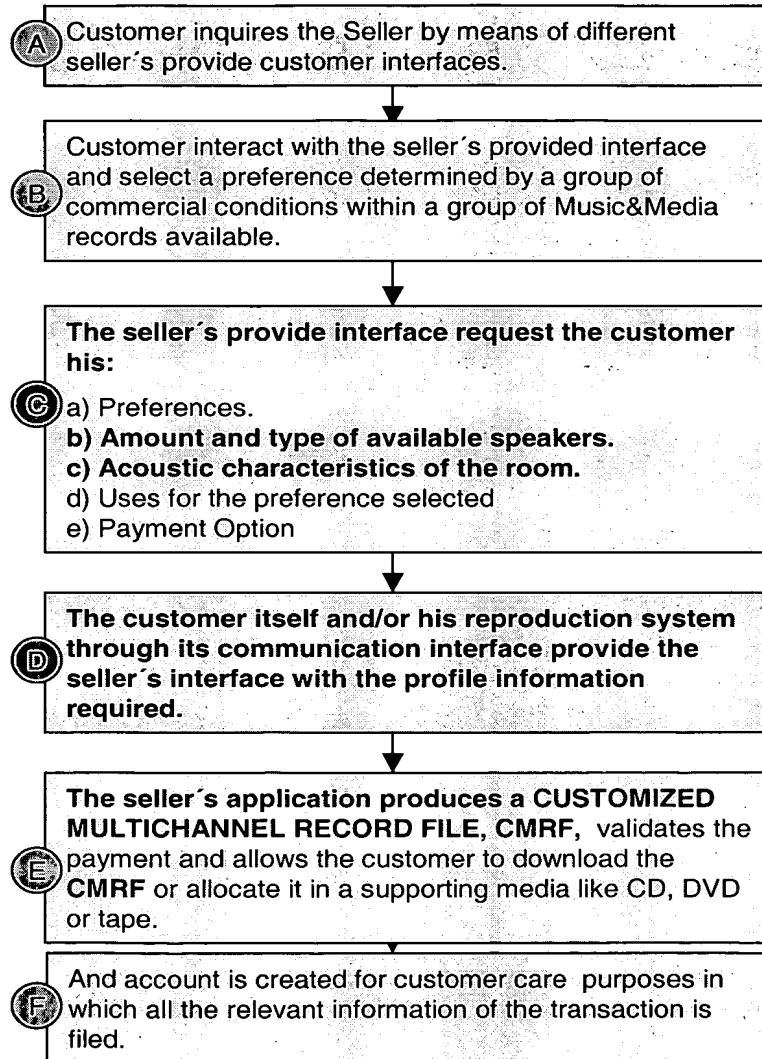
Reply to office action of May 28, 2004

Replacement Sheet

FIG. 2

Invented Business Method Generic Process

Business Method process



Note: Letter in **Borland** indicates what is unique and invented in the business model proposed

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

Reply to office action of May 28, 2004

Annotated Sheet Showing Changes

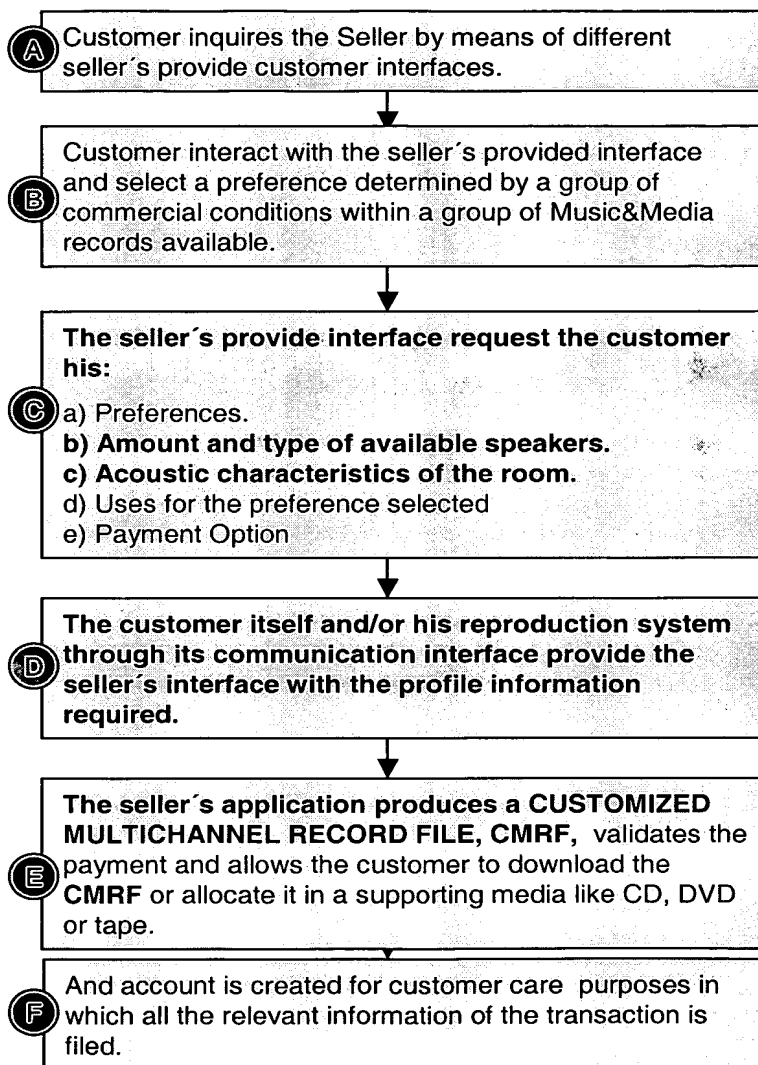
FIG. 2

Invented Business Method Generic Process

Title was changed from
business process to
business method

Business Method process

Reference letters were
added.



Note: Letter in **Borland** indicates what is unique and invented in the business model proposed

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

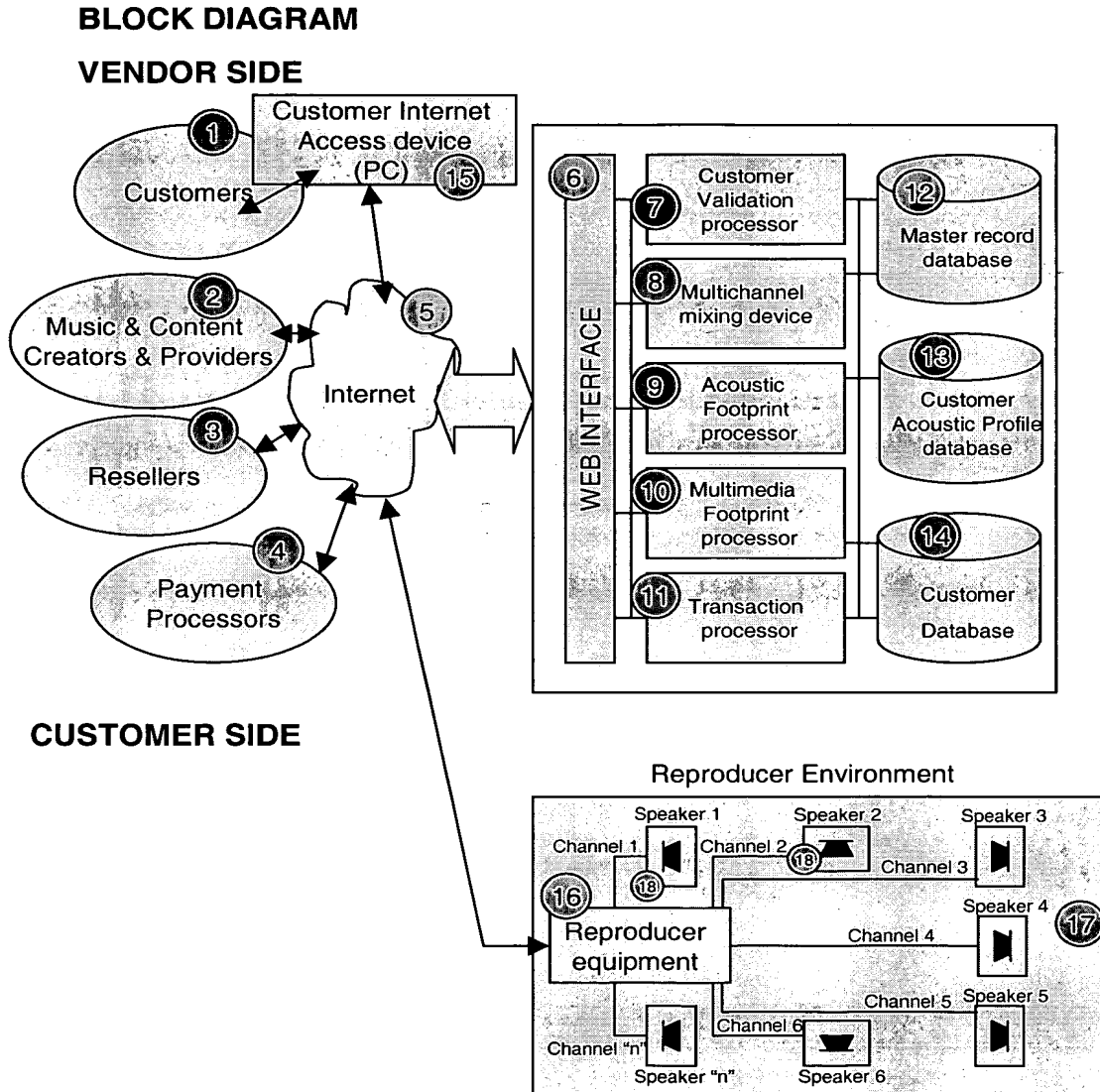
Application number: 10/064,533

Reply to office action of May 28, 2004

New Sheet

FIG. 3

Invented Business Method Explanatory Embodiment Block Diagram



Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

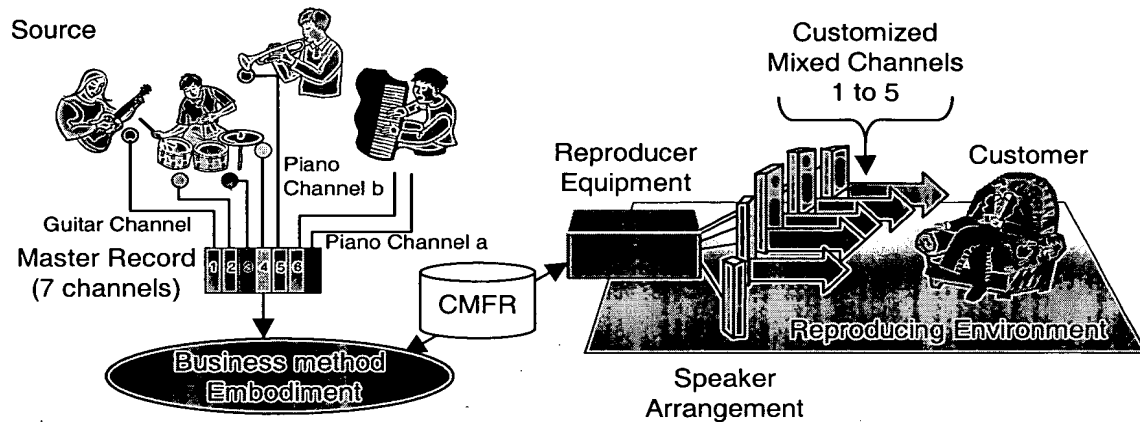
Application number: 10/064,533

Reply to office action of May 28, 2004

New Sheet

FIG. 4

Example 1, Customer is a Jazz fun

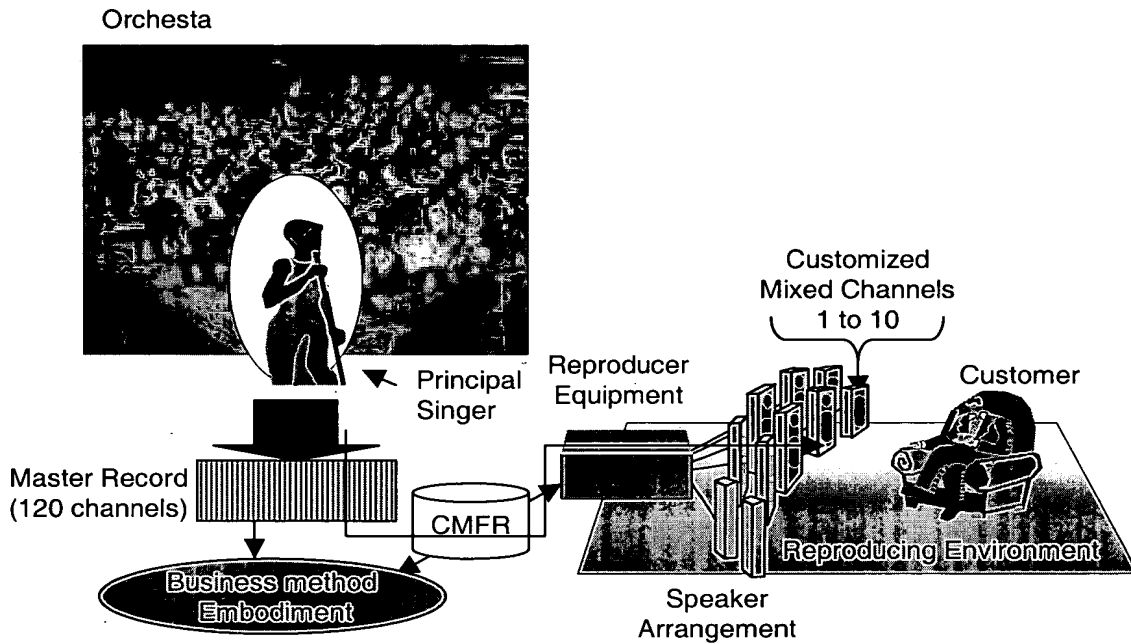


Notes to Example 1

- a) Source Channels are mixed in different proportion into the 5 reproducing channels, this avoid the possibilities of reverse engineering into the master files.
- b) The mixing was done taking in account the type of speaker attached to each reproducing channels.

FIG 5

Example 2, Customer is an Opera Fun



Notes to Example 2

- Source Channels are mixed in different proportion into the 10 reproducing channels, this avoid the possibilities of reverse engineering into the master files.
- The mixing was done taking in account the type of speaker attached to each reproducing channels.
- Echo effects may be added to improve the listening sensation.
- The source channels are mixed emulating the instrument distribution of the orchestra.
- Special treatment is given to the main voice in order to improve the quality of the reproduction.

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

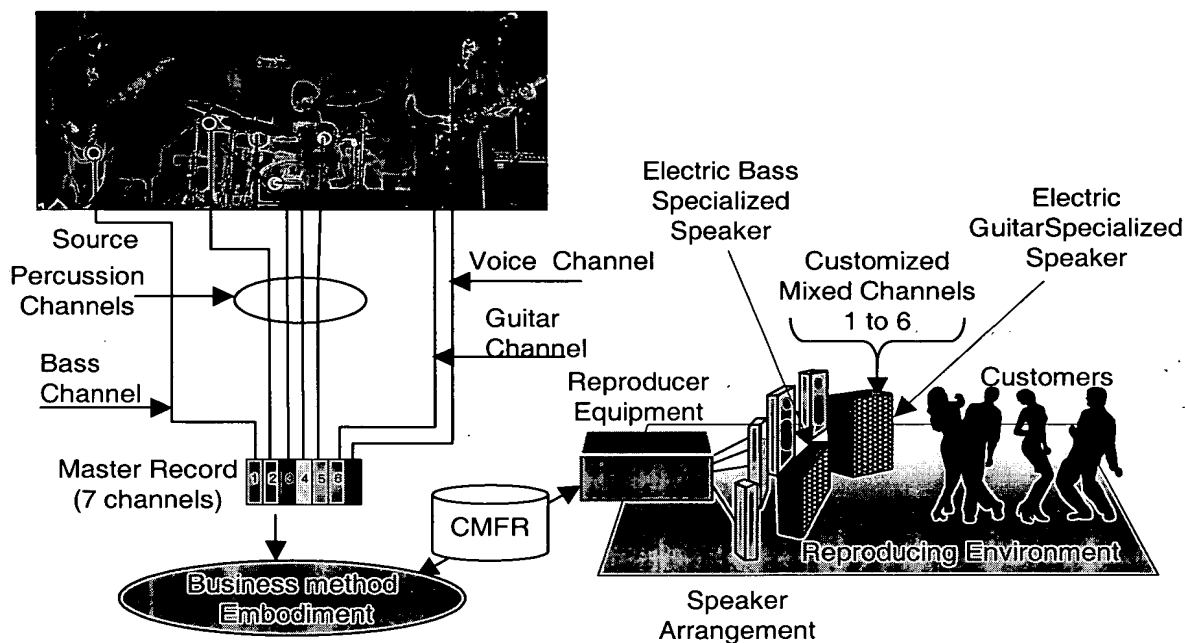
Application number: 10/064,533

Reply to office action of May 28, 2004

New Sheet

FIG 6

Example 3, Customer is a Metal Rock fan looking for music for a party



Notes to Example 2

- a) Source Channels are mixed in different proportion into the 6 reproducing channels, this avoid the possibilities of reverse engineering into the master files.
- b) The mixing was done taking in account the type of speaker attached to each reproducing channels. In this example bass and Guitar

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

Reply to office action of May 28, 2004

New Sheet

FIG. 7 Non exhaustive list of customization parameters

GENERAL PARAMETERS		
Parameter	Meaning	Implicances for the business Method
Equipment ID	Equipment identification code	Defines the ID of the reproducer equipment
Equipment Type	Defines the General technical characteristics of the reproducer equipment	Defines the reproducer capabilities and features
Channels	Defines the maximum capacity in channels of the reproducing equipment	Defines the reproducer capabilities and features
Enabled Channels	Defines the amount of channels enabled to be used for reproduction	Set the amount of maximum channels for which the CMRF could be created.
Capacity	Defines the amount of storage capacity available for new CMRF	Indicate if the CMRF may be supported by the reproducing equipment
PARAMETERS PER CHANNELS		
Parameter	Meaning	Implicances for the business Method
Channel ID	Defines the channel name	Used in the customization interaction with the customer
Load	Indicates the power that can deliver through that channel	Used in the CMRF creation
Type	Indicate the type of amplifier attached to that channel	Used in the CMRF creation
Speaker Type	Indicate the type of speaker attached to the channel	Used in the CMRF creation
Speaker type, extended	Indicate the technical characteristic of the speaker attached to the reproduction channel	
PARAMETERS FOR REPRODUCTION ENVIRONMENT		
Parameter	Meaning	Implicances for the business Method
General		
Type	Indicate the category of reproduction environment	
Per Reproduction Channel/speaker		
Low range sound pressure	Sound pressure at the listening point	
Low range harmonics Sound pressure	Sound pressure at the listening point	
Low range harmonics phase	Phase at the listening point	
Mid range sound pressure	Sound pressure at the listening point	
Mid range harmonics Sound pressure	Sound pressure at the listening point	
Mid range harmonics phase	Phase at the listening point	
High range sound pressure	Sound pressure at the listening point	
High range harmonics Sound pressure	Sound pressure at the listening point	
High range harmonics phase	Phase at the listening point	
Location code	Indicates the relative position of the speaker	
CUSTOMERS PREFERENCES PARAMETERS		
Parameter	Meaning	Implicances for the business Method
Usage	Indicate the application type for the CMRF	Allows price discrimination according the usage that the customer will give to the record, i.e. To be played at a party or at a corporate event, private usage...etc
Option/Package	Indicates what option was selected by the customer	Allows price discrimination according the different options availables, i.e. To be played only on line, to mute an specific instrument...etc
Extensions	Indicates what extension was selected by the customer	Allows price discrimination according the different extension packages that complement the record and could be ordered by the customer, i.e. An alternative singer, video clips, partitures.. Etc

Title of the Invention: MULTICHANNEL MUSIC RECORDS BUSINESS METHOD

Inventor: Luis Felipe Guglielmucci

Application number: 10/064,533

Reply to office action of May 28, 2004

New Sheet

FIG. 8 Generic Multichannel Reproduction System

